

POROUS ADHESION PREVENTIVE MATERIAL

Publication number: JP2000197893

Publication date: 2000-07-18

Inventor: FUJIMURA KENJI; YAMAUCHI KOJI; TOMITA
NAOHIDE; WATA HIROO; IKADA YOSHITO

Applicant: JMS CO LTD; GUNZE KK

Classification:

- International: A61L31/00; A61L27/00; C08G63/08; A61L31/00;
A61L27/00; C08G63/00; (IPC1-7): A61L31/00;
A61L27/00; C08G63/08

- European:

Application number: JP19990285489 19991006

Priority number(s): JP19990285489 19991006; JP19980296722 19981019

Report a data error here

Abstract of JP2000197893

PROBLEM TO BE SOLVED: To provide an adhesion preventive material for the tendon which is capable of physically isolating the tendon and the peripheral tissue thereof while having suitable bio-absorbability and has excellent operability, permeability of nutrient materials and safety by using a porous film consisting of a copolymer of lactic acid and caprolactone as the adhesion preventing material to be used to prevent the adhesion of the tendon when treating the damage of the tendon.

SOLUTION: A 6% dioxane solution of the copolymer of the L-lactic acid and the ϵ -caprolactone (MW 400,000, the weight ratio in the copolymer of the lactic acid and the caprolactone: the lactic acid/the caprolactone = 55/45) is cast onto a glass plate and this glass plate is fed into a refrigerator kept at -135 deg.C where the solution is frozen. The solvent is thereafter removed in a freeze drier, by which the porous adhesion preventive material of a pore diameter of about 10 μ m (a nearly uniform pore diameter and an average pore diameter 10 μ m), void volume 88% and thickness 400 μ m is obtained.

Data supplied from the esp@cenet database - Worldwide

引用文献 2

(19) 日本国特許庁 (JP)

(12) 公開特許公報 (A)

(11) 特許出願公開番号
特開2000-197693
(P2000-197693A)

(43) 公開日 平成12年7月18日 (2000.7.18)

(51) Int.Cl.	識別記号	F I	テグト* (参考)
A 6 1 L 31/00		A 6 1 L 31/00	B
27/00		27/00	U
C 0 8 G 63/06		C 0 8 G 63/06	

審査請求 未請求 請求項の数9 OL (全7頁)

(21) 出願番号 特願平11-285489

(22) 出願日 平成11年10月6日 (1999.10.6)

(71) 出願人 000153030

株式会社ジェイ・エム・エス
広島県広島市中区加古町12番17号

(71) 出願人 000001339